Inventor: Shervin PISHEVAR Page 1 of 16 Express Mail No.: EL762530603US Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd

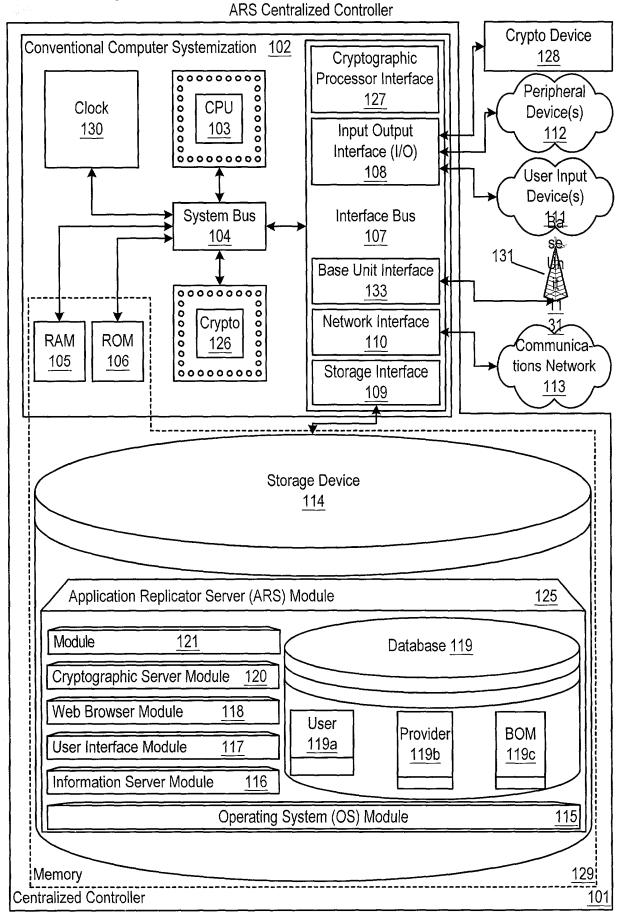


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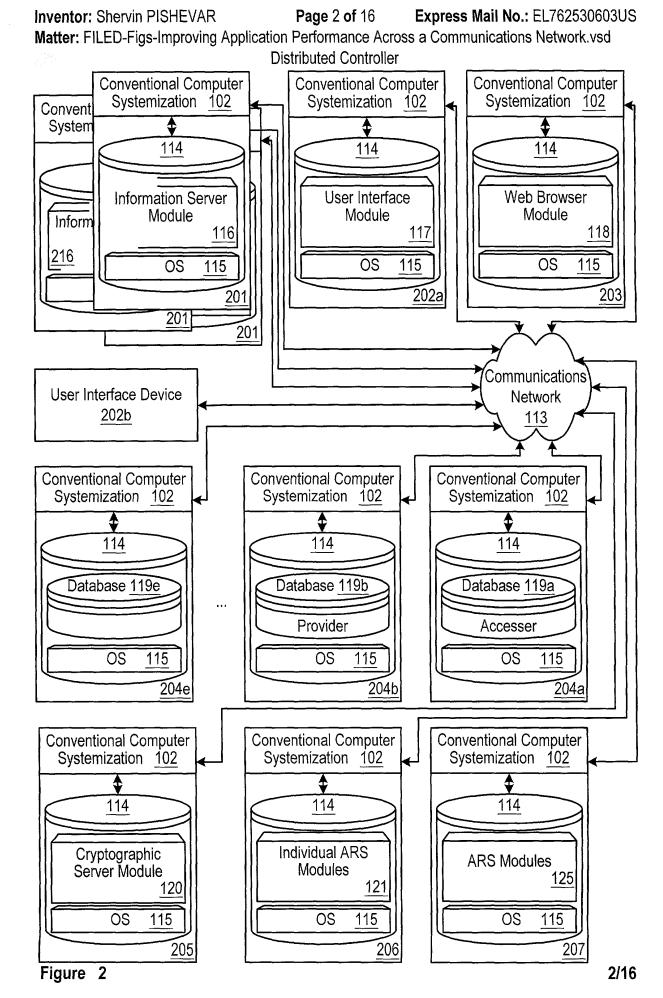


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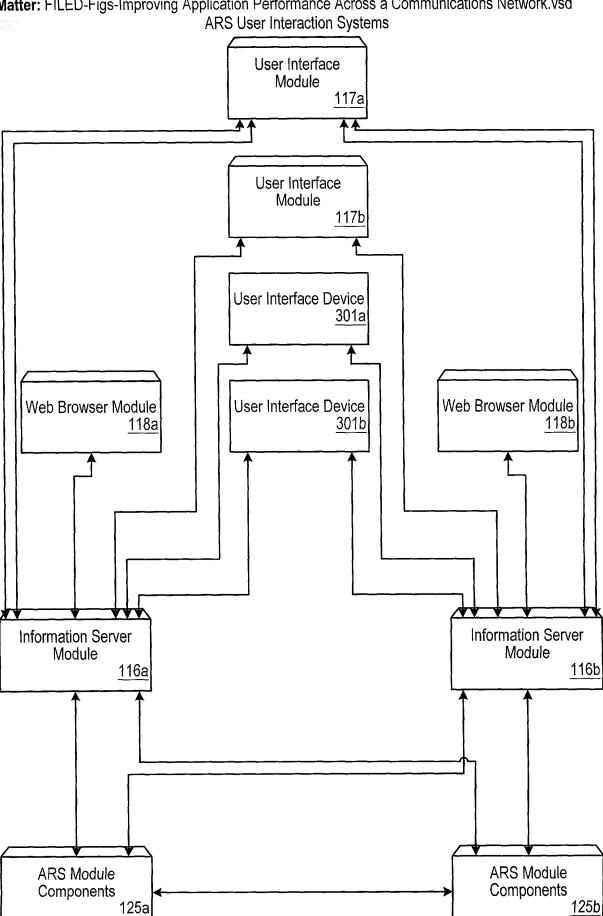
Inventor: Shervin PISHEVAR

Page 3 of 16

Express Mail No.: EL762530603US

3/16

Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd



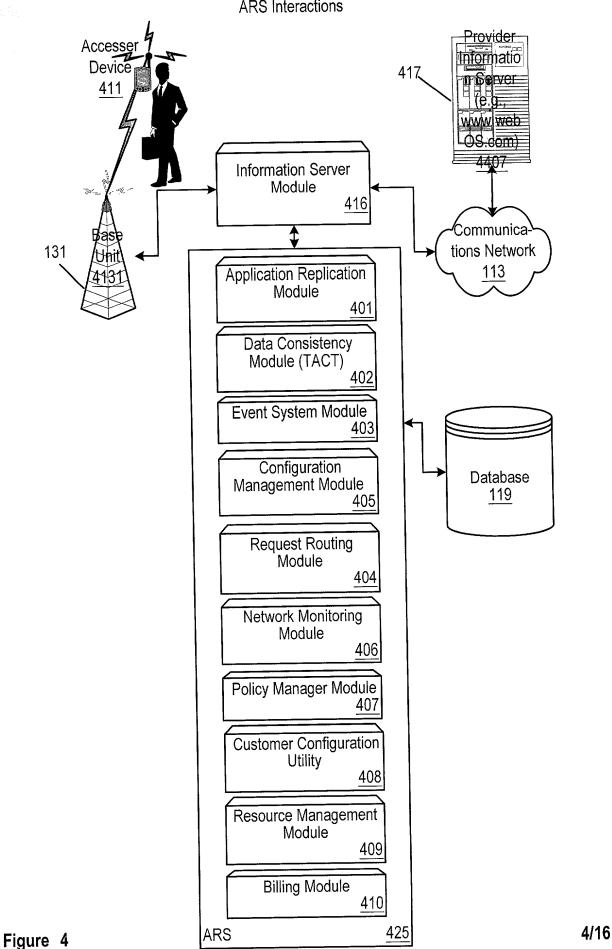
Inventor: Shervin PISHEVAR

Page 4 of 16

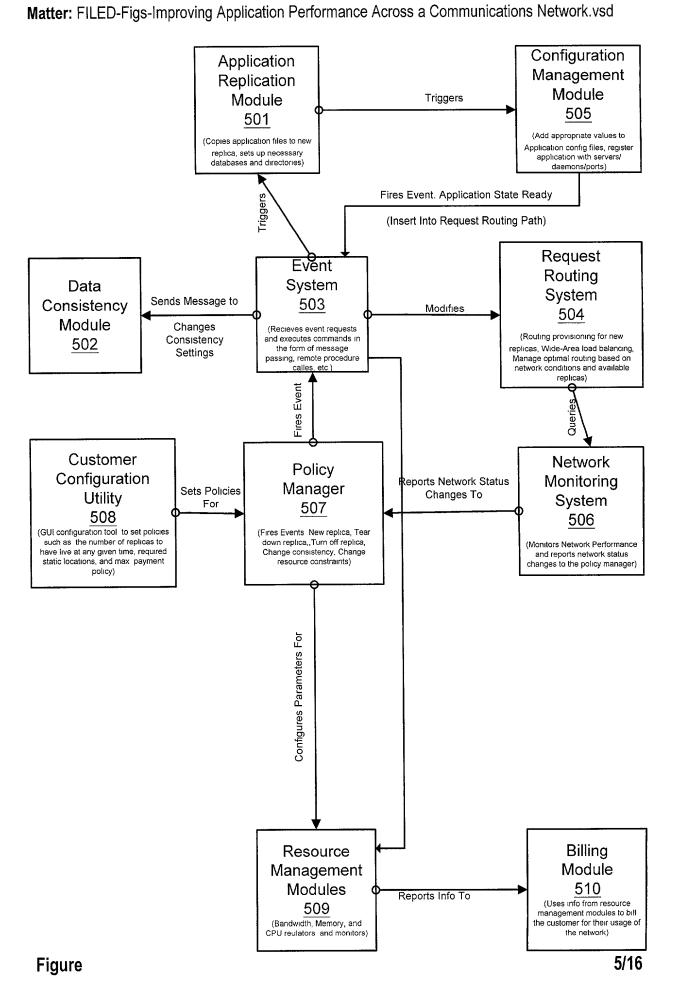
Express Mail No.: EL762530603US

Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd

ARS Interactions



Inventor: Shervin PISHEVAR Page 5 of 16 Express Mail No.: EL762530603US



Express Mail No.: EL762530603US **Page** 6 **of** 16 Inventor: Shervin PISHEVAR Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd Policy Manager: Application Resource Request Handler Model Node Policy Manager Obtain User Request (app. user, max payment) 601 Determine Fixed Resource Request Resource Usage Requirements (get app & data (TACT System, Original, Library, etc.) size, activity logs, e.g., df) 602 603 Obtain Results () 604 Parse Request (determines amount of CPU, size, load, peak times, locations of users, etc.) 605 Compare Parsed Request Toll Hall Man Son to Current Settings for User 606 H. H. Determine Action? (New Node, Kill Node, Off Node, On Node, Change Consistency, Change Constraints) 607 New AppNode 608 Delete AppNode 609 On 613 AppNode 610 Off Termination Event? AppNode 614 611 Change Consisten End cy/Priority 615 6/16 **Figure**

Inventor: Shervin PISHEVAR

Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd New AppNode Replica Node (ARM) Policy Manager Determine Fixed Resource Sufficient Resources? 701 used load availability, size Requirements (get app & data etc. > required resources) size, e.g., df) 706 New N Node **Error Handling** Compare Parsed Request 708 to Resources Usage List 702 Sufficient Resources? App BOM Exists? used load availability, size, etc 709 required resources N Create Install Bill of Use BOM For Install Order Materials (BOM) **Error Handling** 710 711 704 Generate User Account If Allocate Space if Needed Request Resource (TACT Install BOM Needed System or Original) 712 713 705 Obtain Local Replacement Copy App Files per Install for Tokens In BOM (e.g., IP Successful Creation? BOM (applying special attributes) address, paths, etc.) 720 714 <u>715</u> Reconfigure Files for Local N Report Completion Node 718 **Error Handling** 717 721 CMM 716 Return 722 To Requesting Node (and/or Policy Manager, Event System, Request Routing System, optional P2P messaging, etc.) 719 7/16 **Figure**

Page 7 **of** 16

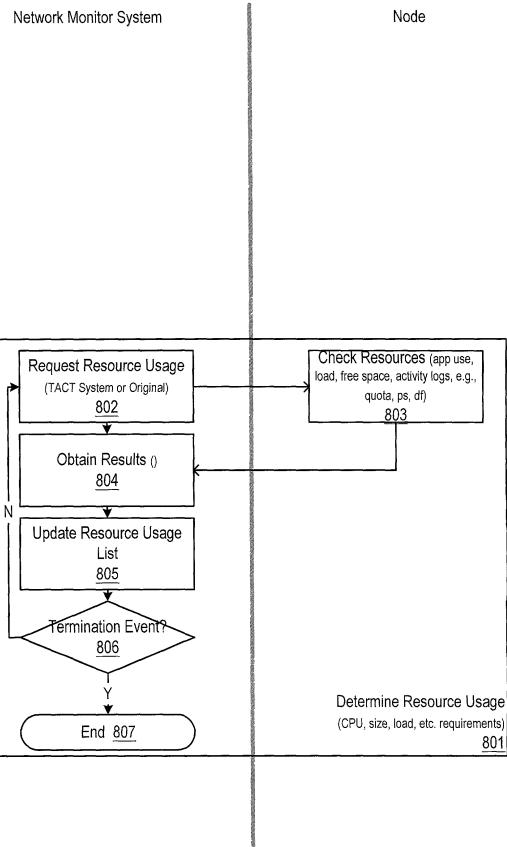
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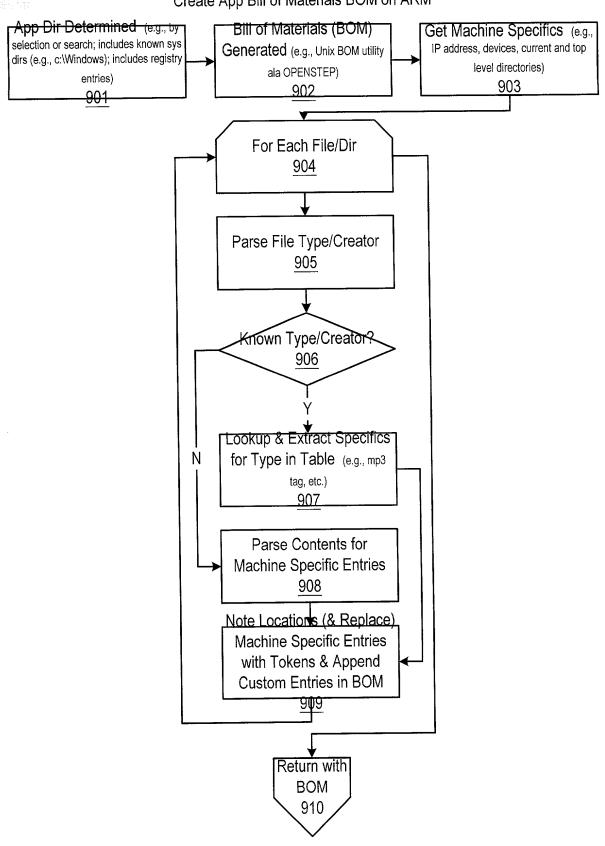
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ARS Resource List Builder



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Create App Bill of Materials BOM on ARM



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Express Mail No.: EL762530603US **Inventor: Shervin PISHEVAR** Page 10 of 16 Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd Delete AppNode on ARM 1001 Turn Off Running? 1003 1002 N Force TACT Update from Node to Propagate 1004 Report that Node is Unavailable for Updates (TACT, Resource Management) 1005 Safe for AppNode **Error Handling** Deletion? 1007 1006 Read BOM 1008 **Delete Files** 1009 **Error Handling** Deleted? 1011 1010 Report Unavailability of Data to TACT, RM, etc. (e.g.,

Figure 10/16

Event System) 1012

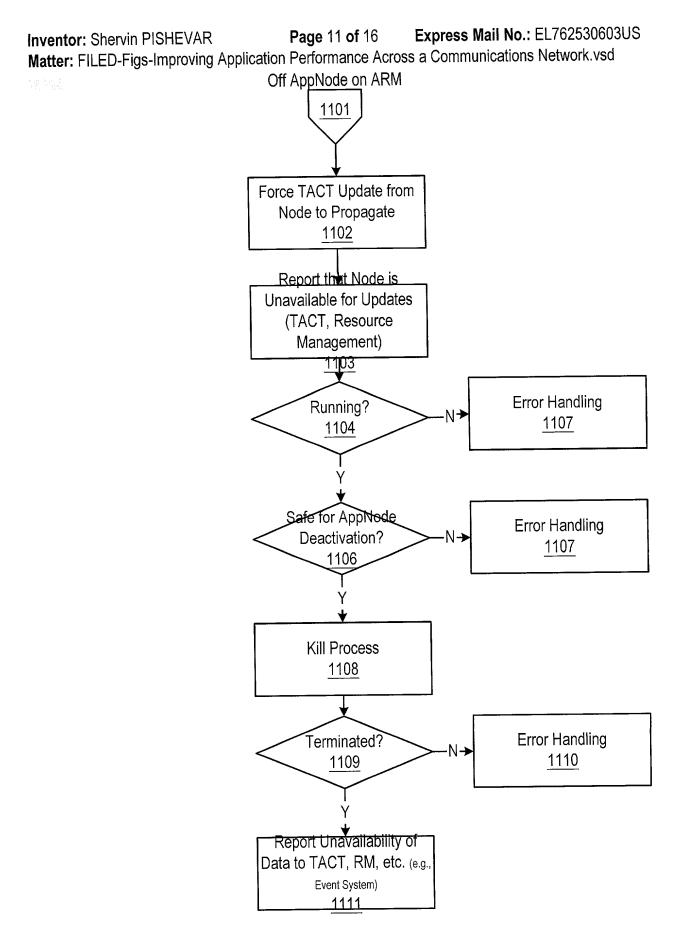


Figure 11/16

Express Mail No.: EL762530603US Page 12 of 16 Inventor: Shervin PISHEVAR Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd On AppNode on ARM 1201 Running? **Error Handling** 1203 1202 Safe for Applyode Error Handling Activation? 1206 1204 Node is Available/ Error Handling Désirable for App (may 1206 e done by NMS) **Obtain Priority Settings** (may be done by NMS) 1207 Instantiated Process (with priority settings, e.g. NICE) 1208 Instantiated? **Error Handling** 1210 1209 Report that Node is Available for Updates (TACT, Resource Management) 1211 Report Availability of Data to TACT, RM, etc. (e.g., Event System) 1212 12/16 **Figure**

Inventor: Shervin PISHEVAR Page 13 of 16 Express Mail No.: EL762530603US Matter: FILED-Figs-Improving Application Performance Across a Communications Network.vsd

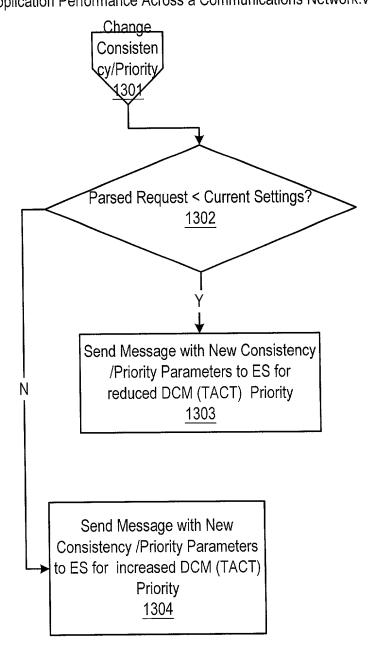
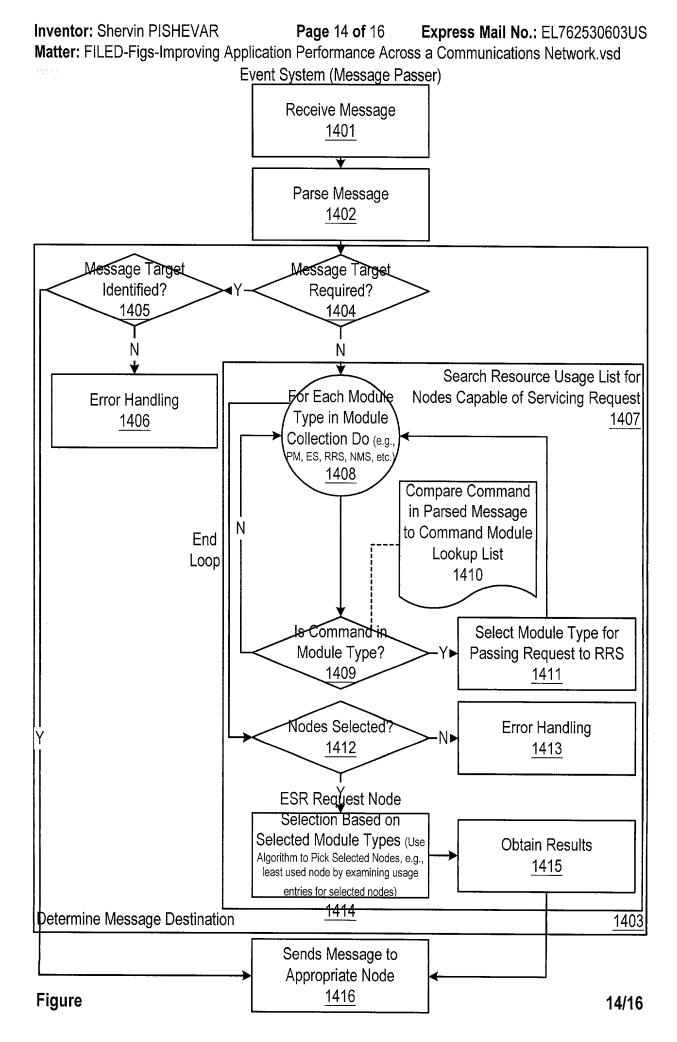
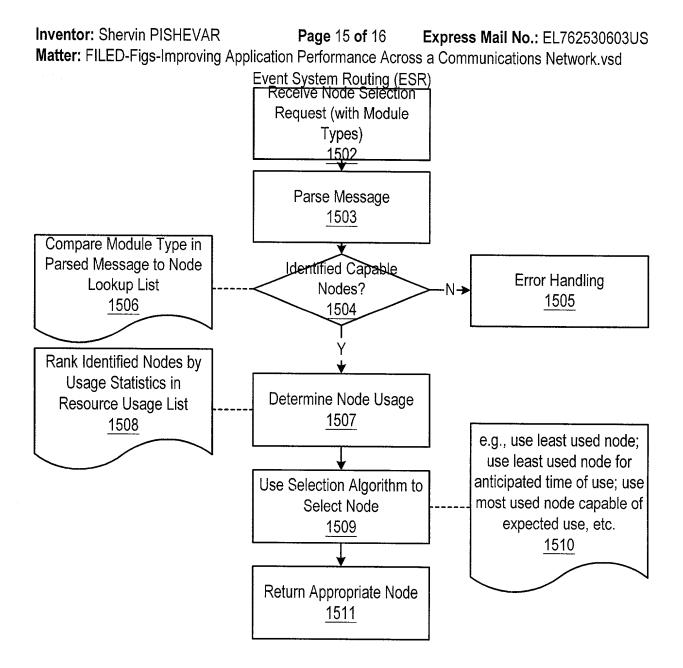


Figure 13/16





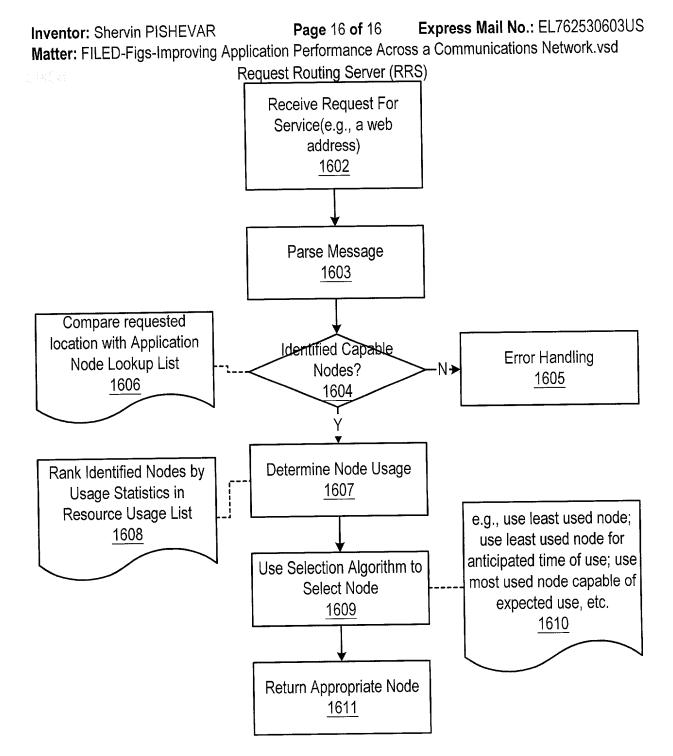


Figure 16/16